

Product datasheet for **MR222276L4V**

Klrg1 (NM_016970) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Klrg1 (NM_016970) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Klrg1
Synonyms:	2F1-Ag; MAFA; MAFA-L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016970
ORF Size:	564 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222276).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_016970.1 , NP_058666.1
RefSeq Size:	1374 bp
RefSeq ORF:	567 bp
Locus ID:	50928
UniProt ID:	O88713
Cytogenetics:	6 57.52 cM



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Gene Summary:

Plays an inhibitory role on natural killer (NK) cells and T-cell functions upon binding to their non-MHC ligands. May mediate missing self recognition by binding to a highly conserved site on classical cadherins, enabling it to monitor expression of E-cadherin/CDH1, N-cadherin/CDH2 and R-cadherin/CDH4 on target cells.[UniProtKB/Swiss-Prot Function]